JOB CODE- 014-19-000190

BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work:-Improvemnts to roads and drains in vinayaka magara and surrounding area in ward no.14

Job code:- ~~014-21-000050~~ 014-19-000190.

Estimated Cost in Lakhs:- 17.39

SN	Description	No	L	B	D	Qty	Rate	Unit	Amount
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.6 I.No.2.3)								
	Basic Rate	299.00							
	AW 6%	17.94							
	Total	316.94							
	Rcc Drain								
	Vinayaka nagara cross road	2	94	1.1	1.0	206.80			
				Total		206.80	316.94	Sqm	65543
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P.13/4.3)							174	6442
	Basic Rate:	5102.00						20.28	6442
	Area Weightage 6%	306.12							7,086.2
	Total	5408.12							
	Rcc Drain								
	Vinayaka nagara cross road	2	94	1.1	0.15	31.02			
						31.02	5408.12	cum	167760
3	KKSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
	Basic Rate	358.00							
	AW@ 6%	21.48							
	Total	379.48							
	Rcc Drain raft								
	Vinayaka nagara cross road	2	94		0.15	28.20			
	For Drians Walls								
	Vinayaka nagara cross road	2*4	94		0.6	451.20			
				Total		479.40	379.48	Sqm	181923
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	Basic Rate:	5659.00							
	Area Weightage 6%	339.54							
	Total	5998.54							
	Rcc Drain raft								

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SN	Description	No	L	B	D	Qty	Rate	Unit	Amount
	Vinayaka nagara cross road	2	94	0.9	0.15	25.38			
	For Drians Walls								
	Vinayaka nagara cross road	2*2	94	0.15	0.6	33.84			
					Total	59.22	5998.54	Cum	355234
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2) **Issue rate date : 02.11.2021 till now**								
	Basic Rate	87417.00						136	83,720
	Area Weightage 6%	5245.02						13.1	8378
	Total	**92662.02**							92158
	For Drain								
	Qty @60Kg/Cum		0.060	59.22		3.55			
					Total	3.55	92662.02	T	329247
6	Providing and and fixing Precast Concrete slab 10 CM thick witth all lead and lift as per specification **(Data Rate Approved) 2018-19**								
	Basic Rate:	2337.00							
	Total	**2337.00**							
	Rcc Drain								
	Vinayaka nagara cross road	2	94	0.9		169.20			
					Total	169.20	2337.00	sqm	395420
7	Transportaion & disposing of the excavated earth obtained from side drains & high burns an either sides of the road 2km lead (P.No 134)								
	Avg wt of earth 1.28 tonne/km								
	Basic rate lead charges for 4.00kms (2.00x1.28x15.00)					12.80			
	Add loading & unloading					68.00			
	Sub total					80.80			
	AW 6%					4.85			
	Total					85.65			
	Qty vide i.no 1					206.80	85.65	Cum	17712
								Sub Total	1512838
								Add GST 12%	181541
								Tender premium &Miscellaneous	44621
								Grand Total	1739000.00

CERTIFICATE:

1.The above estimate has been prepared as per PWD SR 2018-19

2. The work spot has been inspected and found to be necessary

3. The work spot comes under BBMP Limits

Assistant Engineer
Ward No.14

Assistant Executive Engineer
Dasarahalli Sub-Division

Executive Engineer
Dasarahalli Division

ADMINISTRATIVELY SANCTIONED FOR
(Rupees Seventeen Lakhs thirtyone nine thousand
Under the Head of Account P-3112
Swacha Bharatha Abhiyana grant works
Registered as no EE(D.D.)/AS/62/21-22 subject to conditions contained in Enclosed Memo
No. EE/DD/AS/62/21-22 Dt: 13/1/22

JE/AE.

Exe. Engineer
(DASARAHALLI) BBMP

Technically Sanctione for Rs. 17.39 Lakhs.
Rs. In words Seventeen Lakhs thirty nine thousand only
Under P-3112
Job Code No 014-19-000190
Registered as CE No /35/21-22 Subject
to conditions contained in Enclosed Memo
No EE/DD/TS/35/21-22 Dt 13/1/22

AE/JE

Executive Engineer

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